

Figure 1

662240 6949260

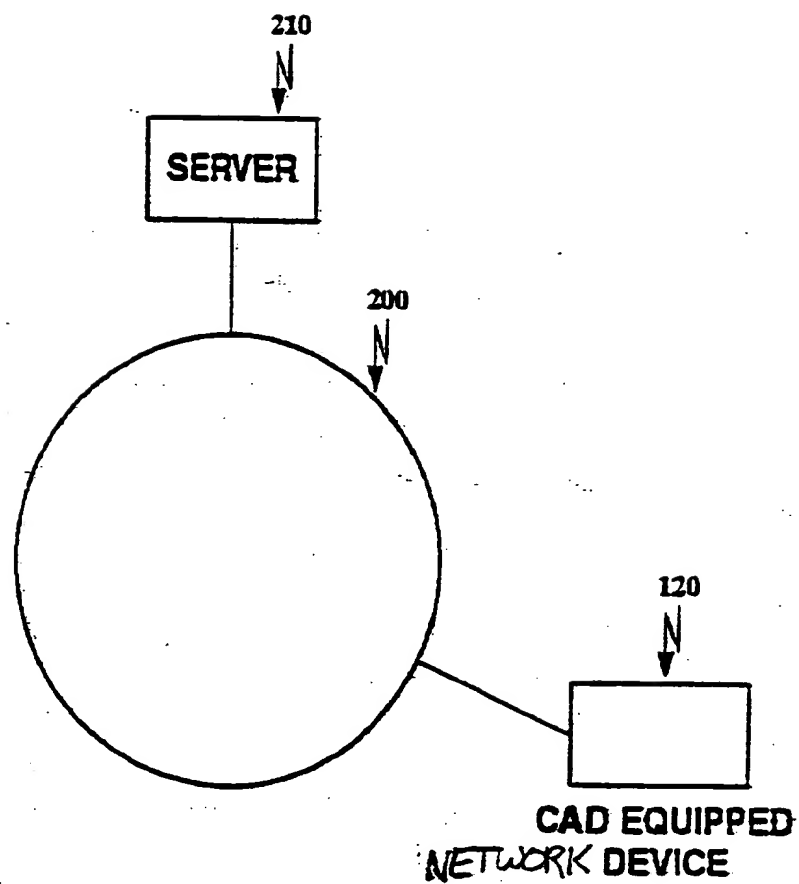


Figure 2

Small-Footprint Device

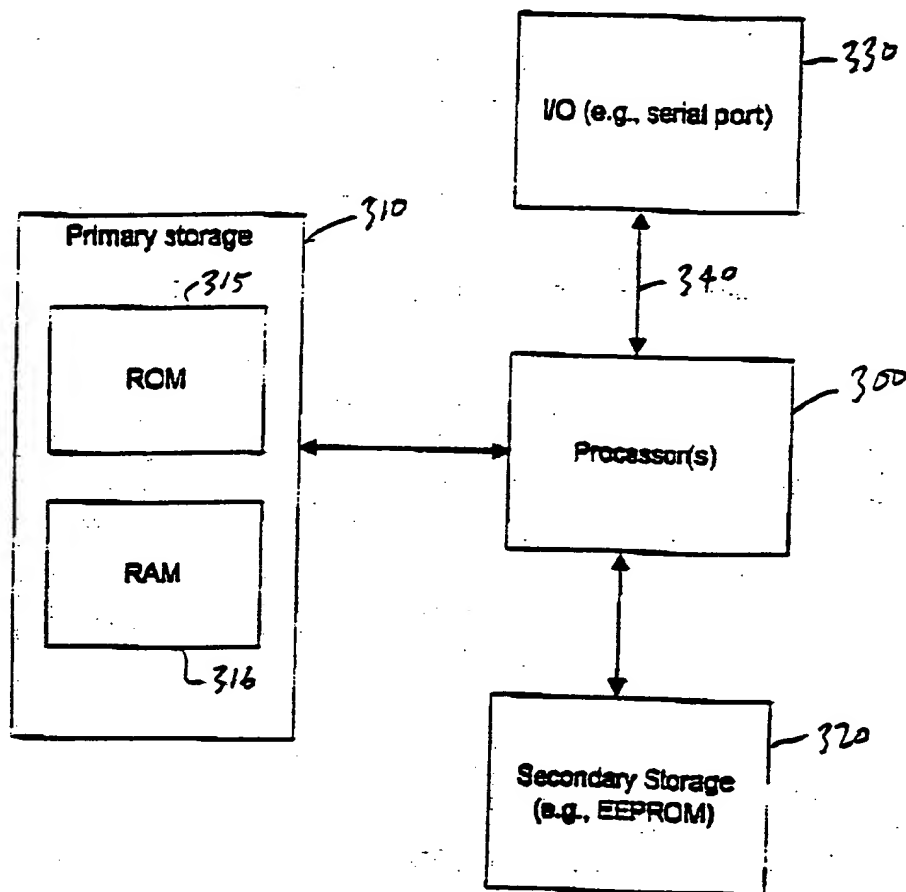


Figure 3 (PRIOR ART)

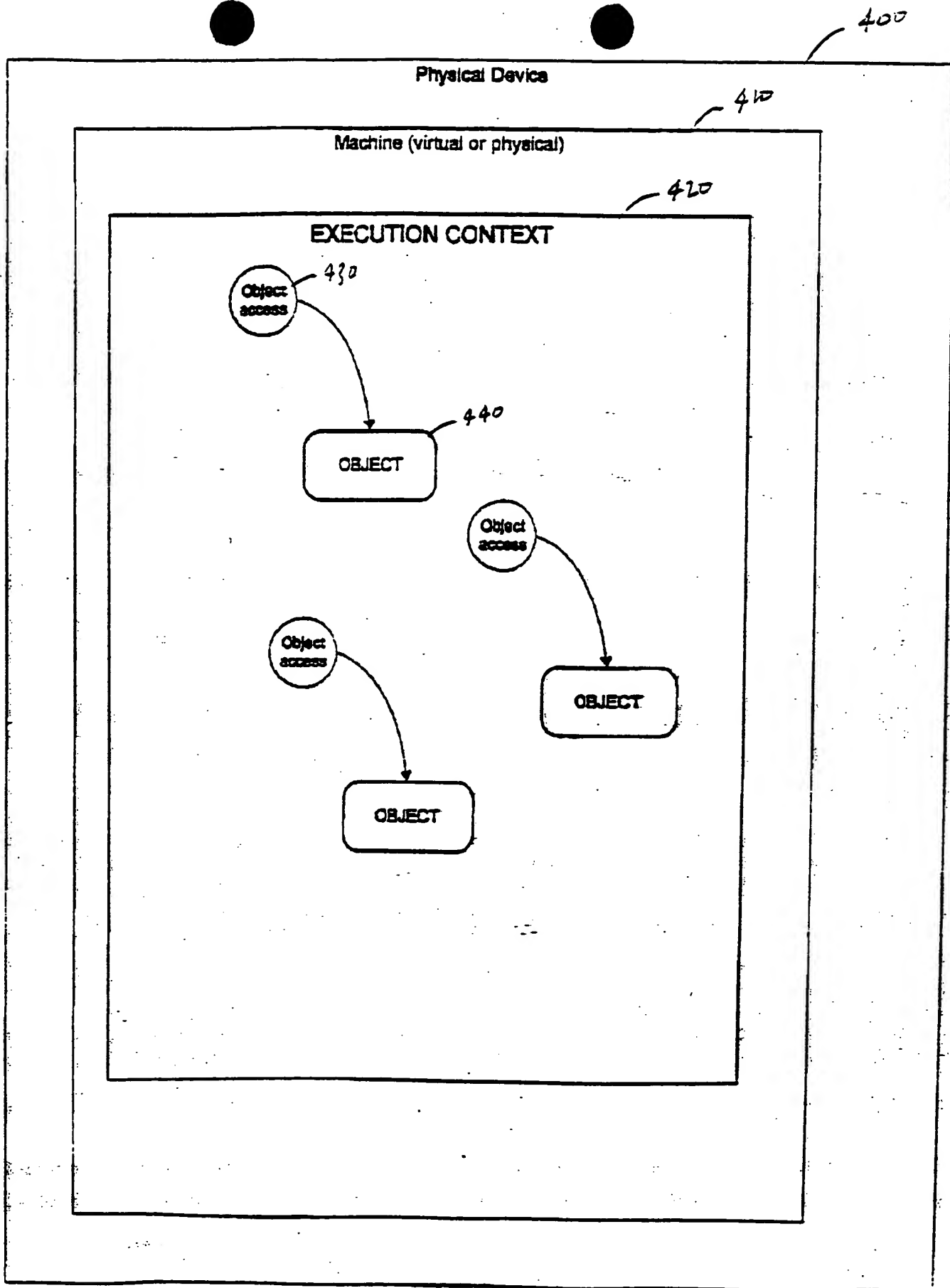


Figure 4 (PRIOR ART)

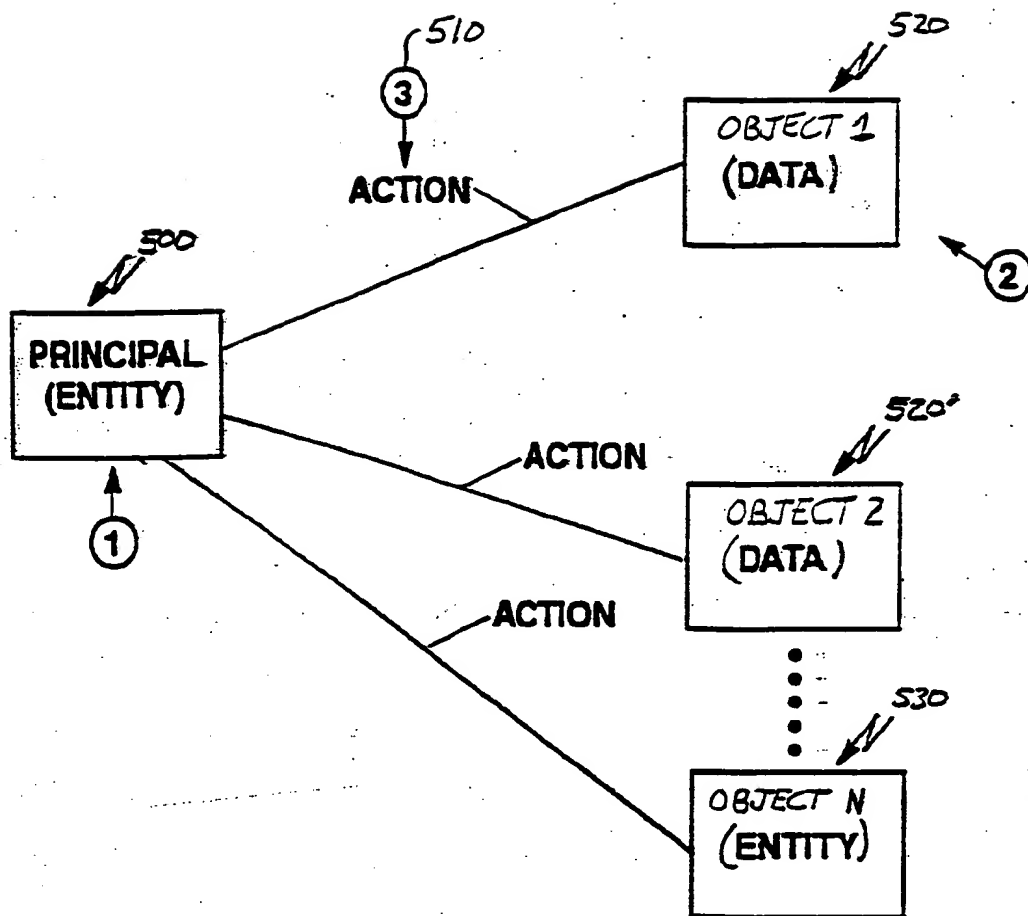


Figure 5

Physical Device

Machine (virtual or physical)

EXECUTION CONTEXT 1

Object
access

OBJECT

Object
access

OBJECT

EXECUTION CONTEXT 2

Object
access

OBJECT

OBJECT

Figure 6

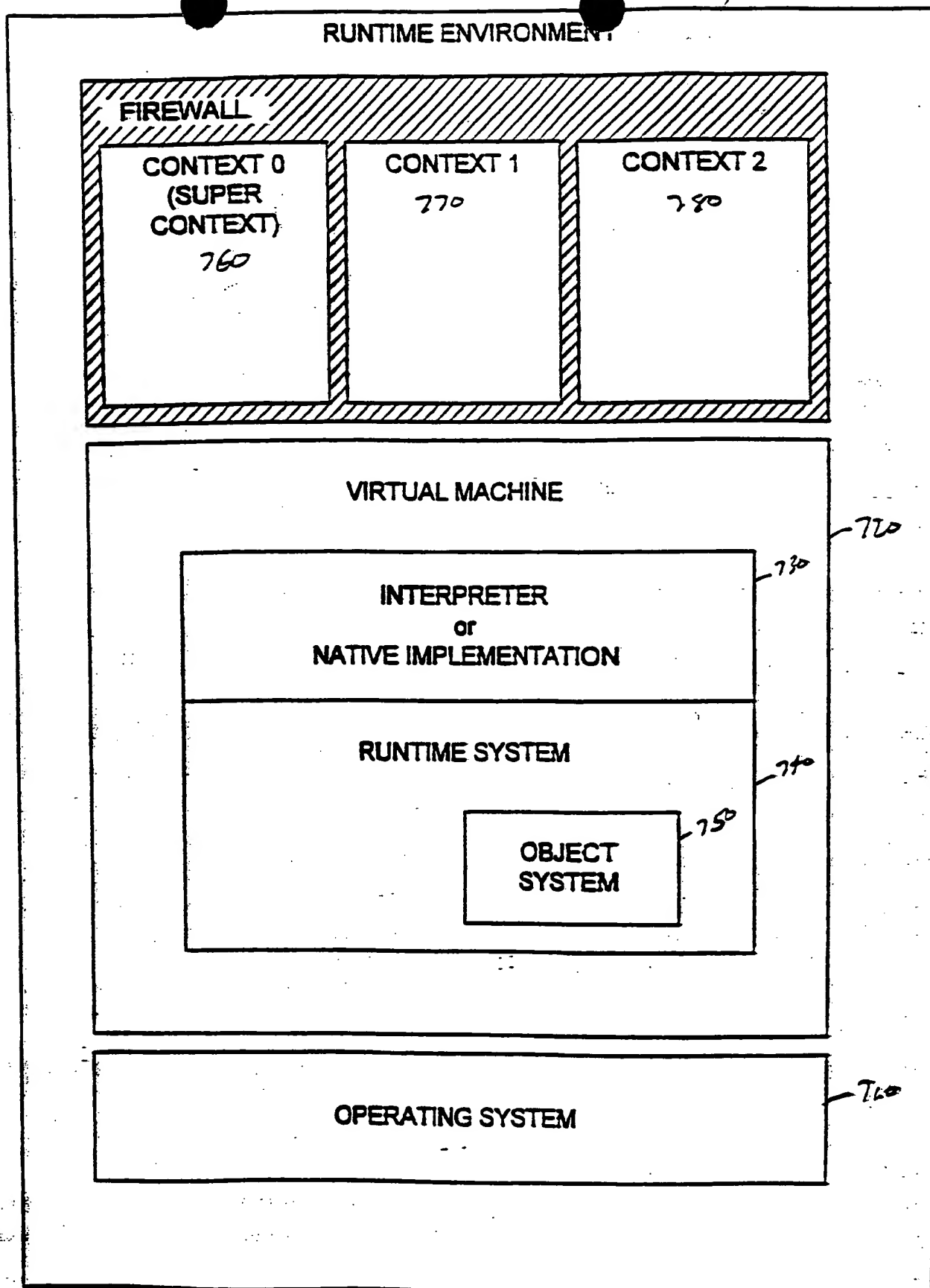


Figure 7

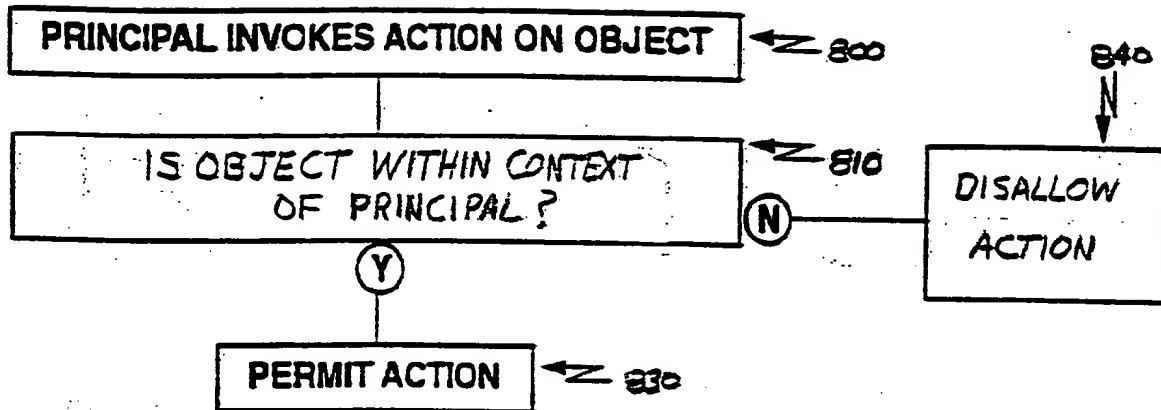


Figure 8

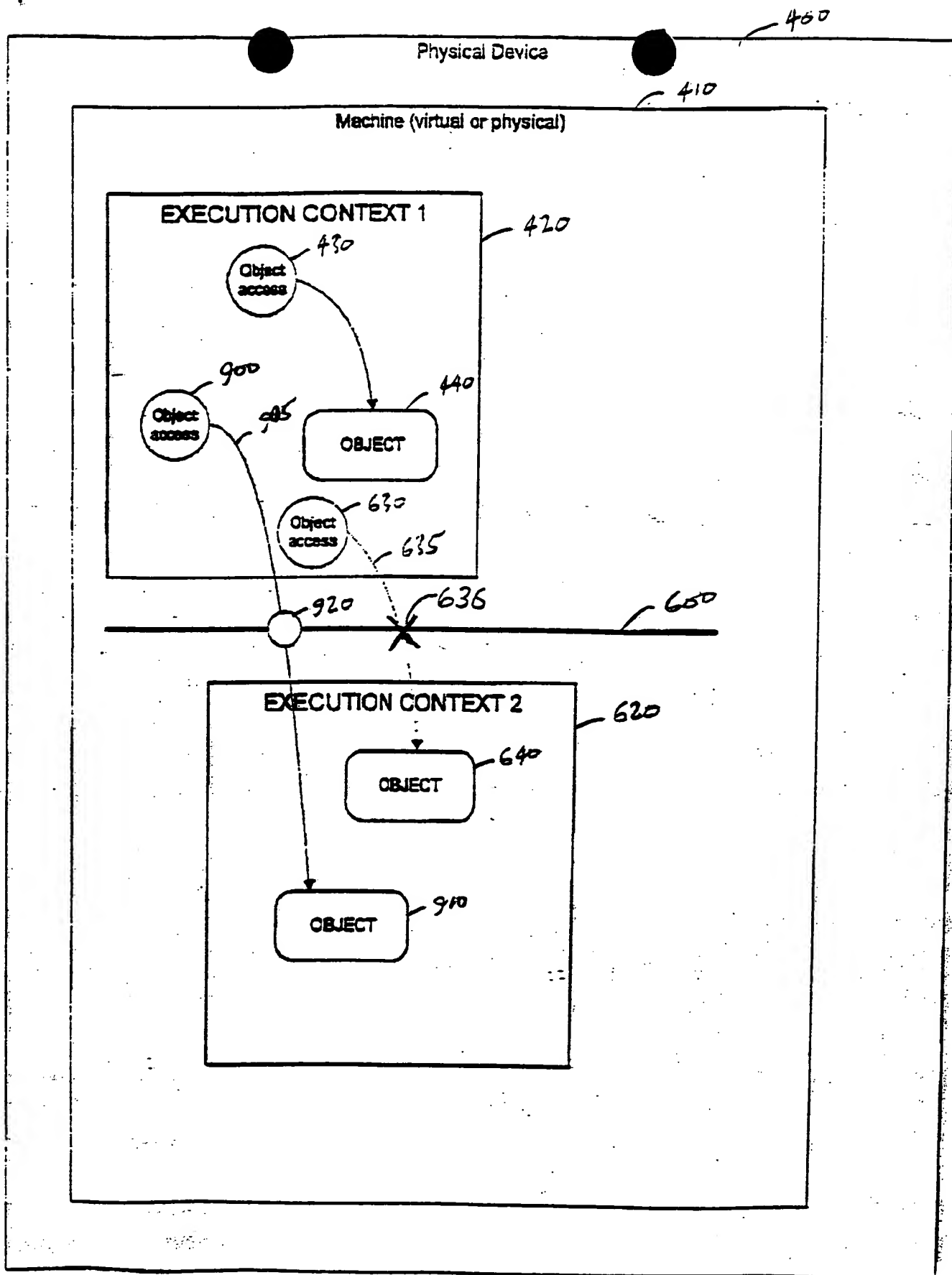


Figure 9

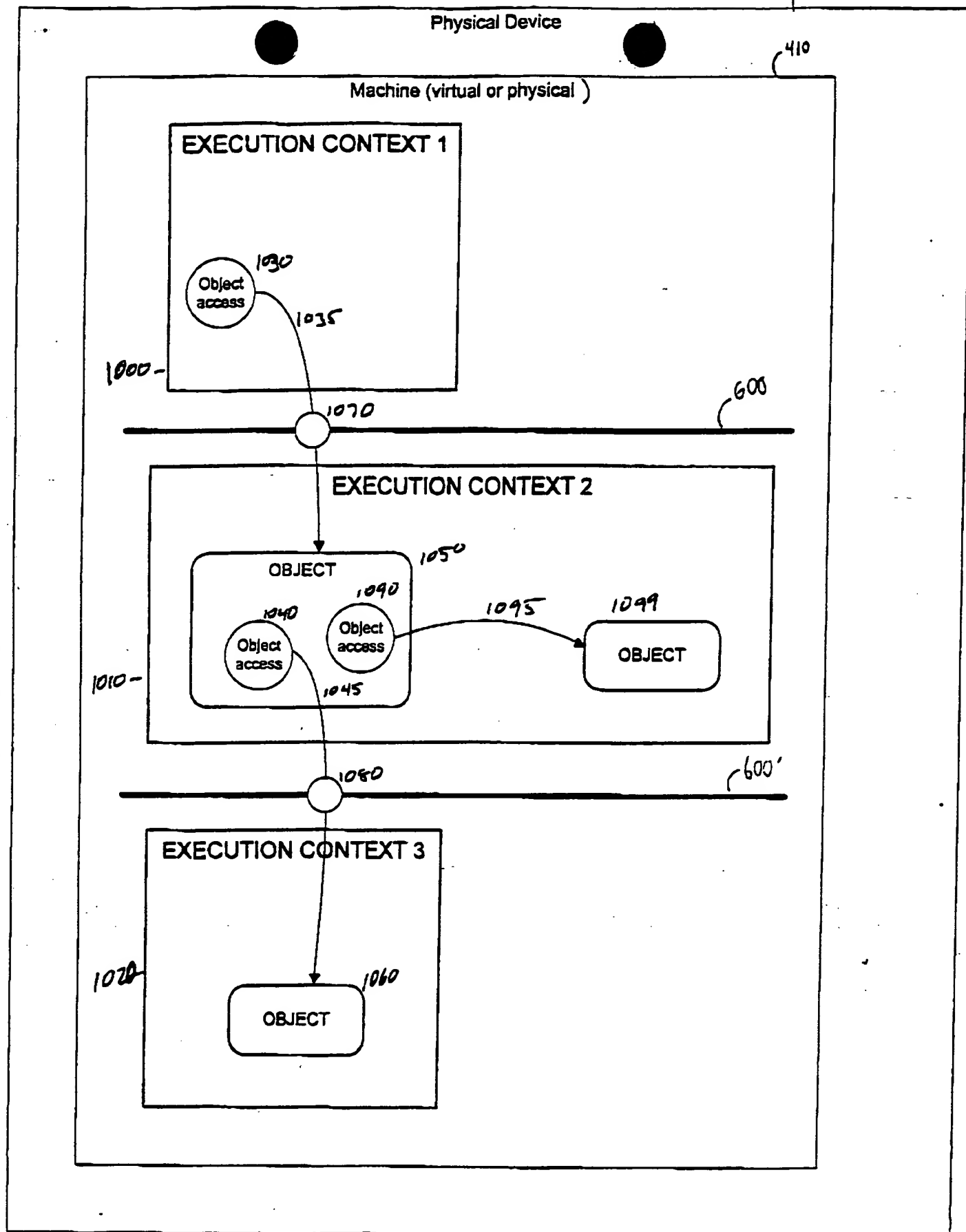


Figure 10

1150
In execution context 2,
create Object and
designate as shared
(e.g., entry point)

1110
In execution context 1
(Principal), obtain a
reference to Object

1120
Principal invokes
Action on Object

Figure 11

6624000

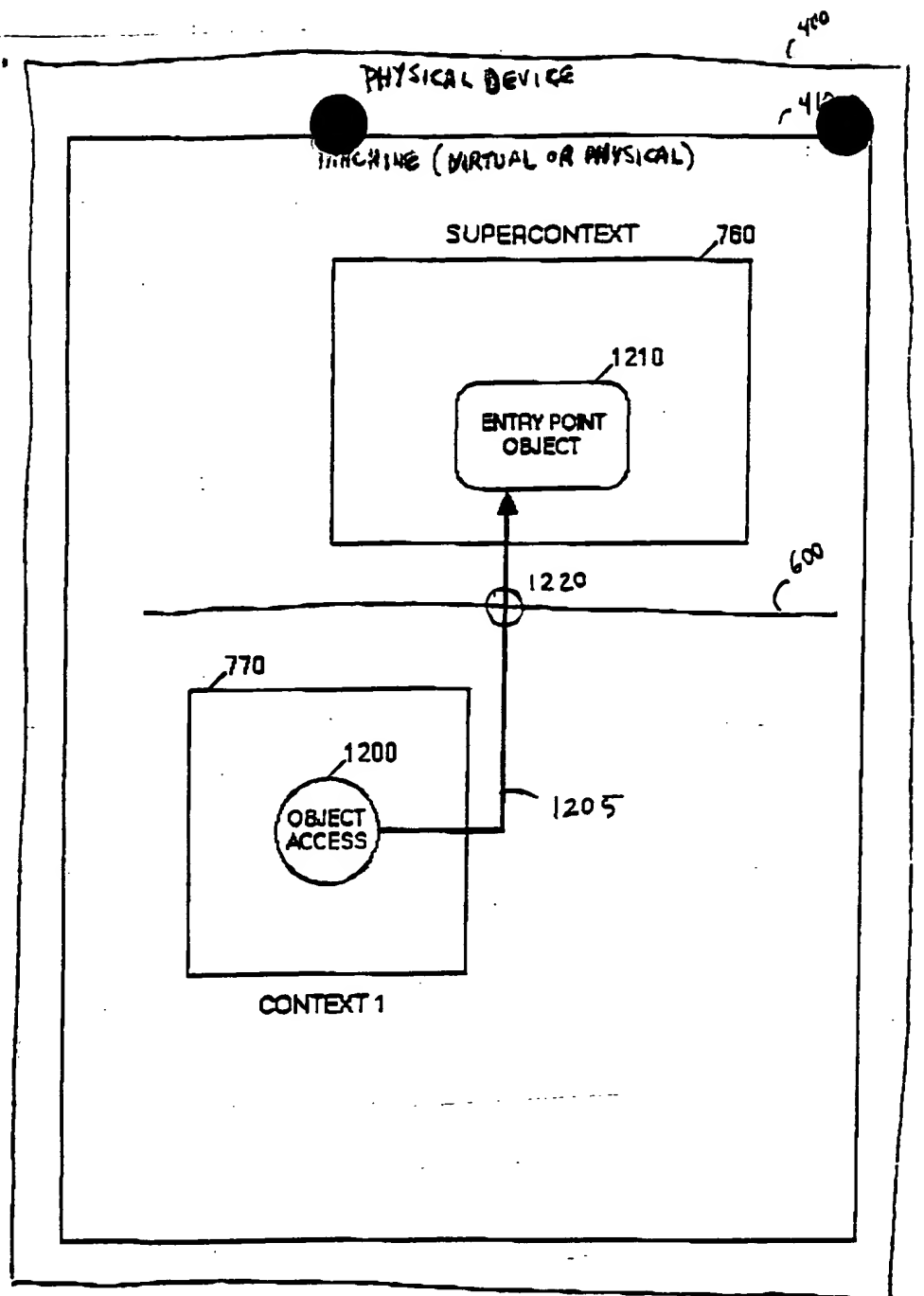


FIGURE 12

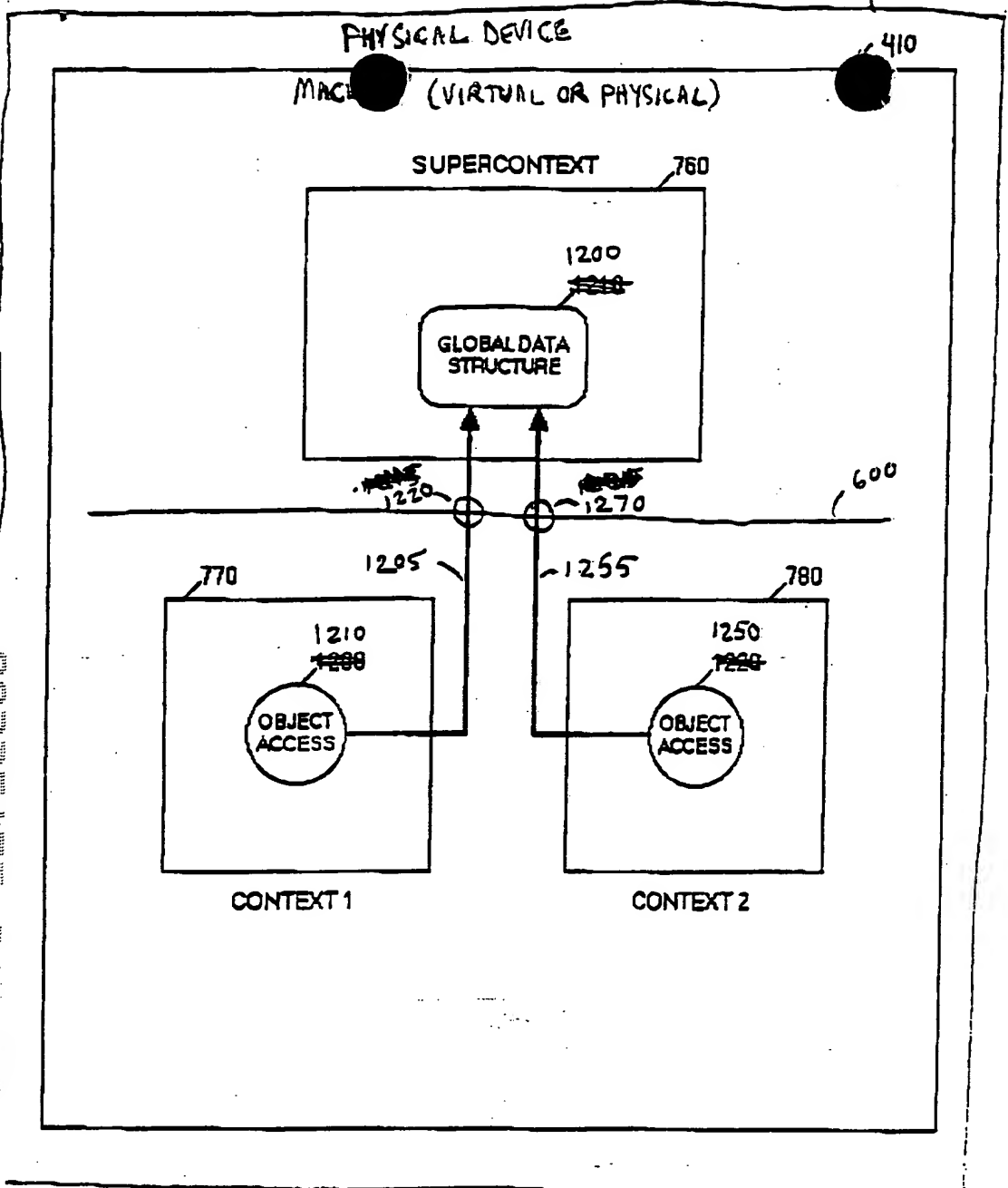


FIGURE 13

PHYSICAL DEVICE

400

410

MACHINE (VIRTUAL OR PHYSICAL)

SUPERCONTEXT

760

1200

OBJECT
ACCESS

1250

~~1228~~

OBJECT
ACCESS

1220

1270

600

1205

770

1210

OBJECT

CONTEXT 1

1255

780

1260

~~1238~~

OBJECT

CONTEXT 2

FIGURE 14

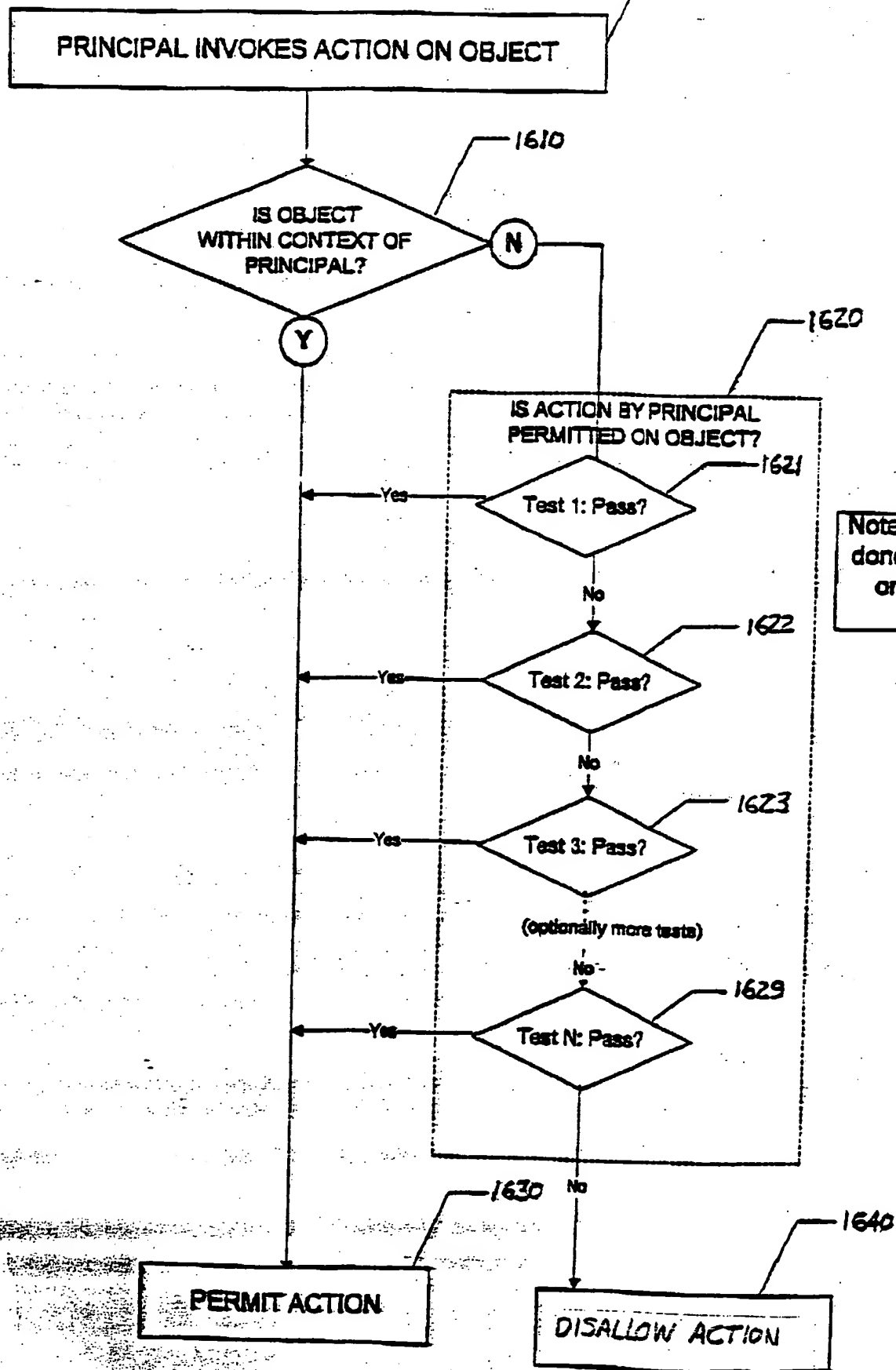


Figure 17

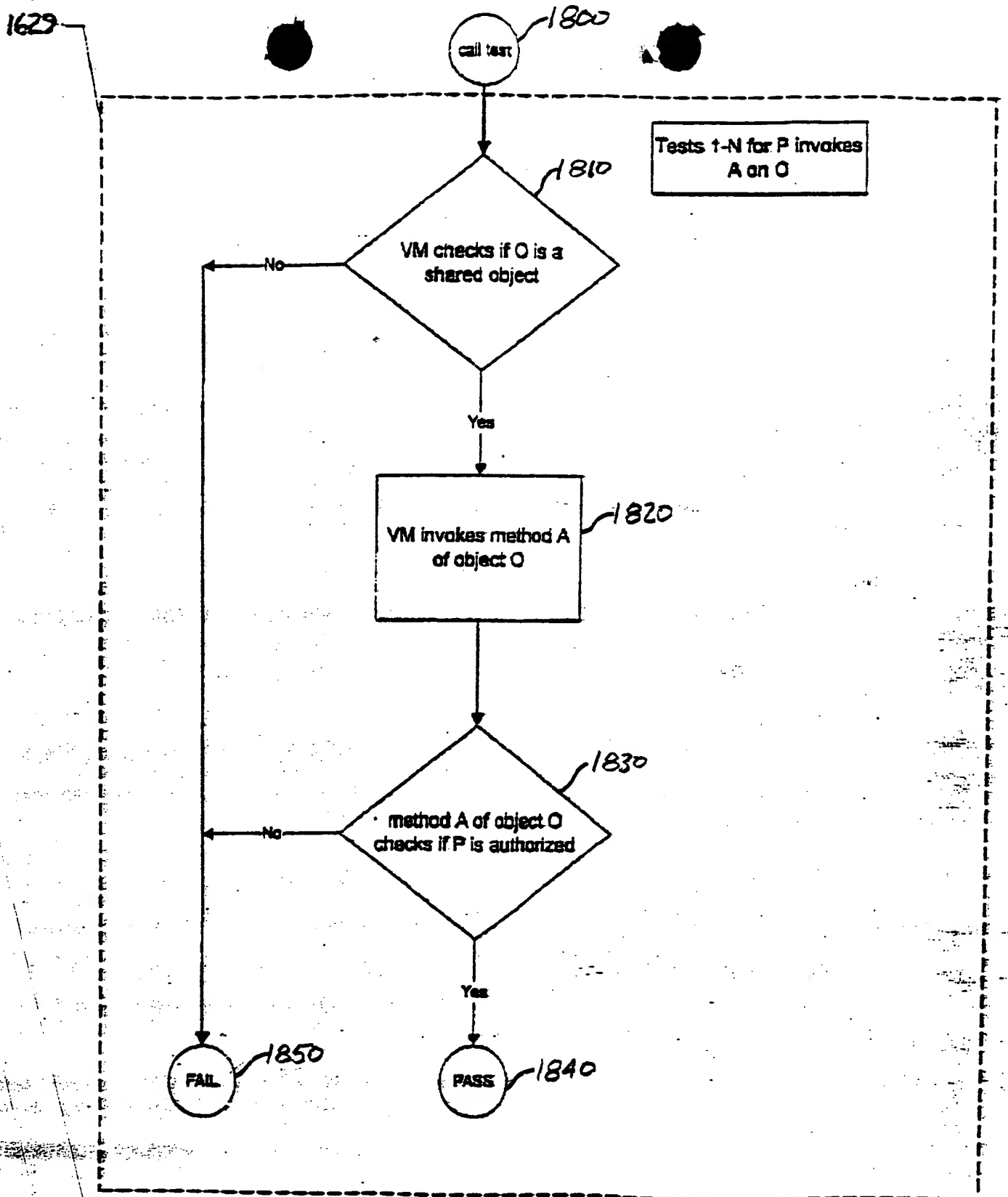


Figure 18